

1433 Rec'd PTO 07 FEB 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **OKAZAKI, Tsuneko, et al.**

ATTN: Refund Section
Accounting Division
Office of Finance

Serial No.: **10/526,425** ✓

Filed: **March 3, 2005**

Group Art Unit: **1645**

For: **ARTIFICIAL MAMMALIAN CHROMOSOME**

Examiner: **Not Yet Assigned**

P.T.O. Confirmation No.: **9673**

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: February 7, 2006

Sir:

This is a request for a refund with respect to the charge to Deposit Account 01-2340 dated February 7, 2006 (Expected Control No. 1618) for the above-identified patent application. A copy of the drawings and a copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office dated December 7, 2005, in which the error referred to occurs, accompanies this request.

The Notification of Missing Requirements indicates that the applicant must furnish the "translation of the application into English" in order to complete the requirements for acceptance under 35 U.S.C. 371, and that the "the text in the drawings has not been properly translated" in the above-identified patent application.

However, the specification and drawings were originally submitted in English. Further the enclosed drawings, which are the same as the originally filed drawings, do not contain one word of a foreign language.

BEST AVAILABLE COPY



To comply with the Notification of Missing Requirements, the applicants are simply submitting the same exact drawings as originally filed on March 3, 2005. The drawings are being submitted as "Replacement Sheets" but there is no change from the original drawings because there was no foreign language to translate.

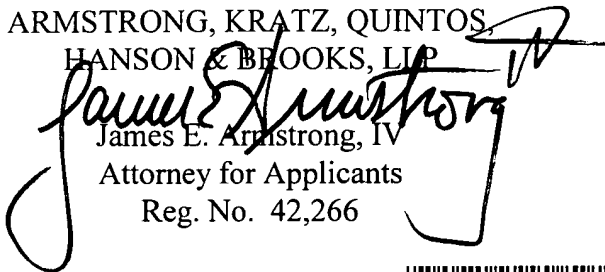
Therefore, the applicants believe that the Patent Office has made an error with respect to the Notification of Missing Requirements. No fee should have been required for the Response to Notification of Missing Requirements.

The amount of the refund requested is \$130.00 for the Response to Notification of Missing Requirements.

Please make the refund by crediting Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS
HANSON & BROOKS, LLP


James E. Armstrong, IV
Attorney for Applicants
Reg. No. 42,266

JAM/rk
Atty. Docket No. 050126
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: A copy of the drawings;
A copy of Notification of Missing Requirements dated December 7, 2005.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/526,425	Tsuneo Okazaki	050126

INTERNATIONAL APPLICATION NO.

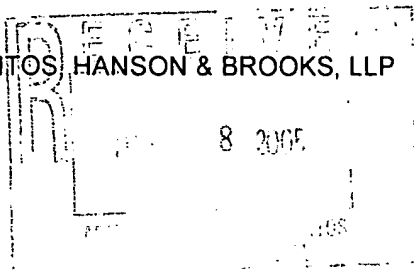
PCT/JP03/11134

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

09/01/2003

09/03/2002

23850
 ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP
 1725 K STREET, NW
 SUITE 1000
 WASHINGTON, DC 20006



CONFIRMATION NO. 9673

371 FORMALITIES LETTER



OC000000017586870

Date Mailed: 12/07/2005

DUE: FEBRUARY 7, 2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/03/2005
- English Translation of the IA filed on 03/03/2005
- Copy of the International Search Report filed on 03/03/2005
- Copy of IPE Report filed on 03/03/2005
- Preliminary Amendments filed on 03/03/2005
- Information Disclosure Statements filed on 03/03/2005
- Biochemical Sequence Diskette filed on 03/03/2005
- Oath or Declaration filed on 03/03/2005
- Biochemical Sequence Listing filed on 03/03/2005
- Request for Immediate Examination filed on 03/03/2005
- U.S. Basic National Fees filed on 03/03/2005
- Assignment filed on 03/03/2005
- Priority Documents filed on 03/03/2005

371 National Fees
 Priority 9-3-02
 20 months
 30 months 3-3-05
 32 mos = 5-3-05

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The text in the drawings has not been properly translated.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

DOCKETED	Yes	NE
DATE	12/9/05	

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/526,425	PCT/JP03/11134	050126

FORM PCT/DO/EO/905 (371 Formalities Notice)

P0203102

1/19

Fig.1

Input BACs	BSI cell lines inspected	Alphoid and BAC signals on		HAC with GCH1
		HAC	Chromosome Non	
CMV/ α 100 BAC +GCH1-BAC	16	1	4	11
SV/ α 50 BAC +GCH1-BAC	17	3	13	1
				(HT/GCH2-10)
				(HT/GCH5-18)

P0203102

2/19

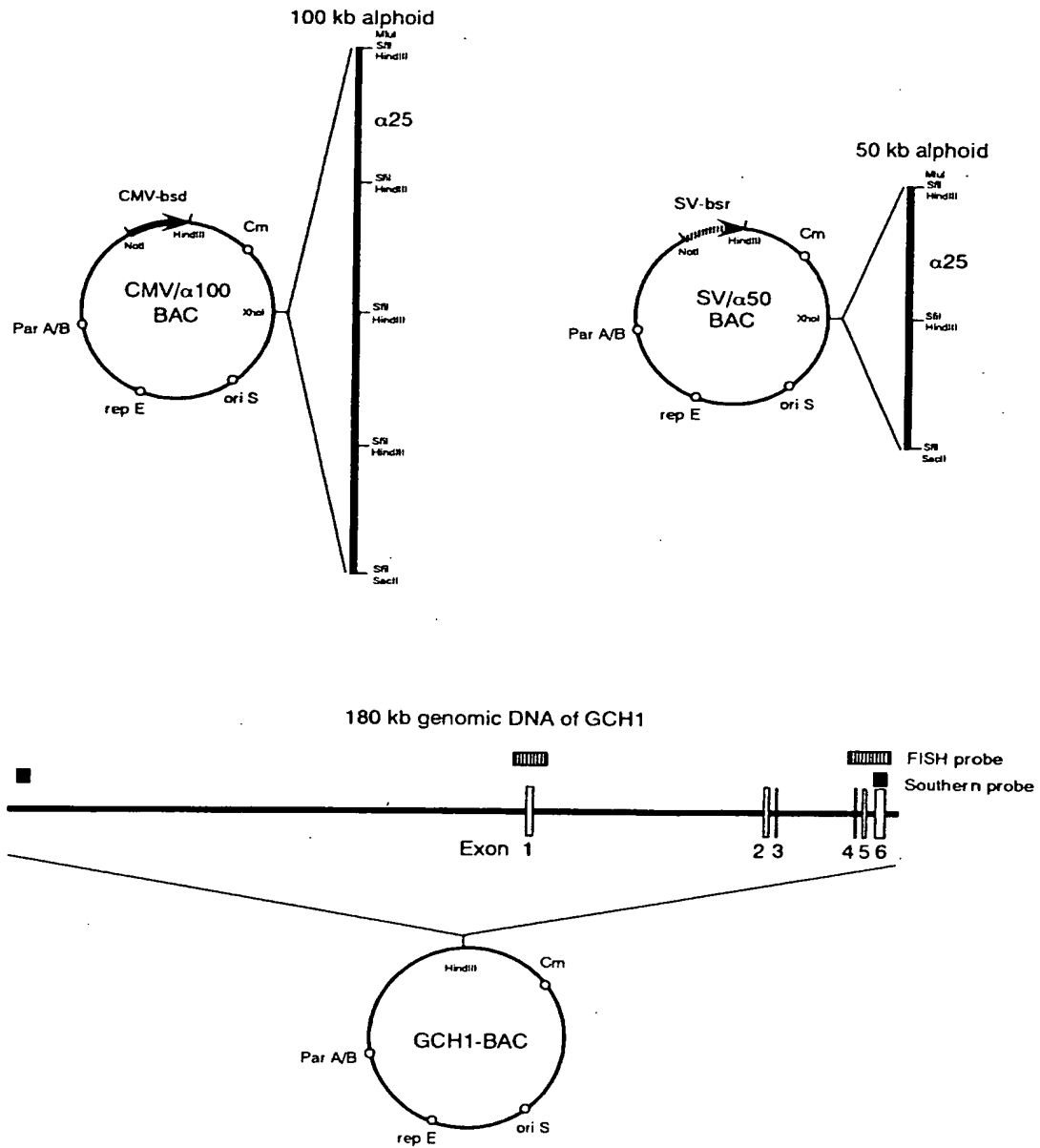
Fig.2

Cell lines	GCH1 activity (pmol/h/mg protein)		Ratio of increase
	- IFN	+ IFN	
HT1080	0.05 ± 0.02	0.76 ± 0.03	15
HT/GCH2-10	0.16 ± 0.02	5.0 ± 0.2	31
HT/GCH5-18	3.4 ± 0.2	16.5 ± 0.6	4.8

P0203102

3/19

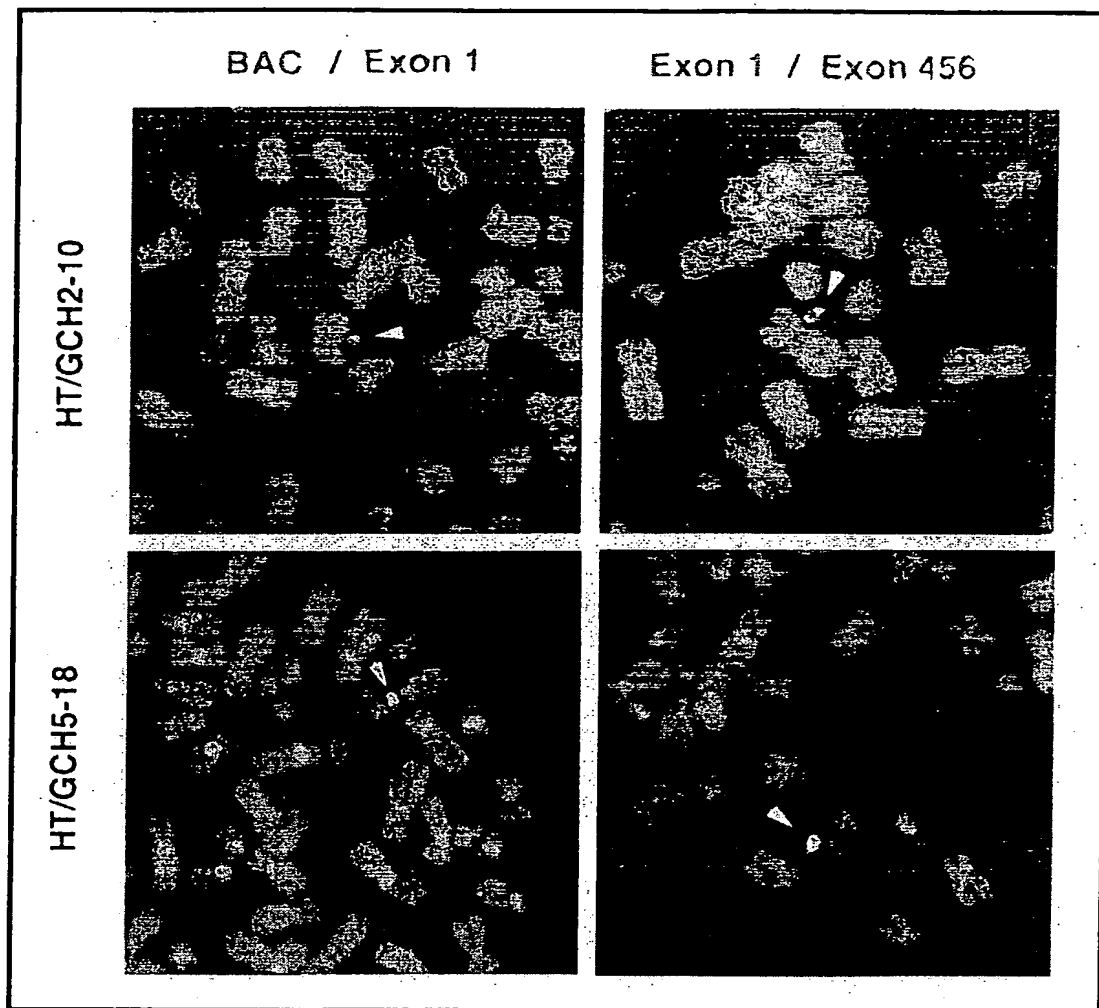
Fig.3



P0203102

4/19

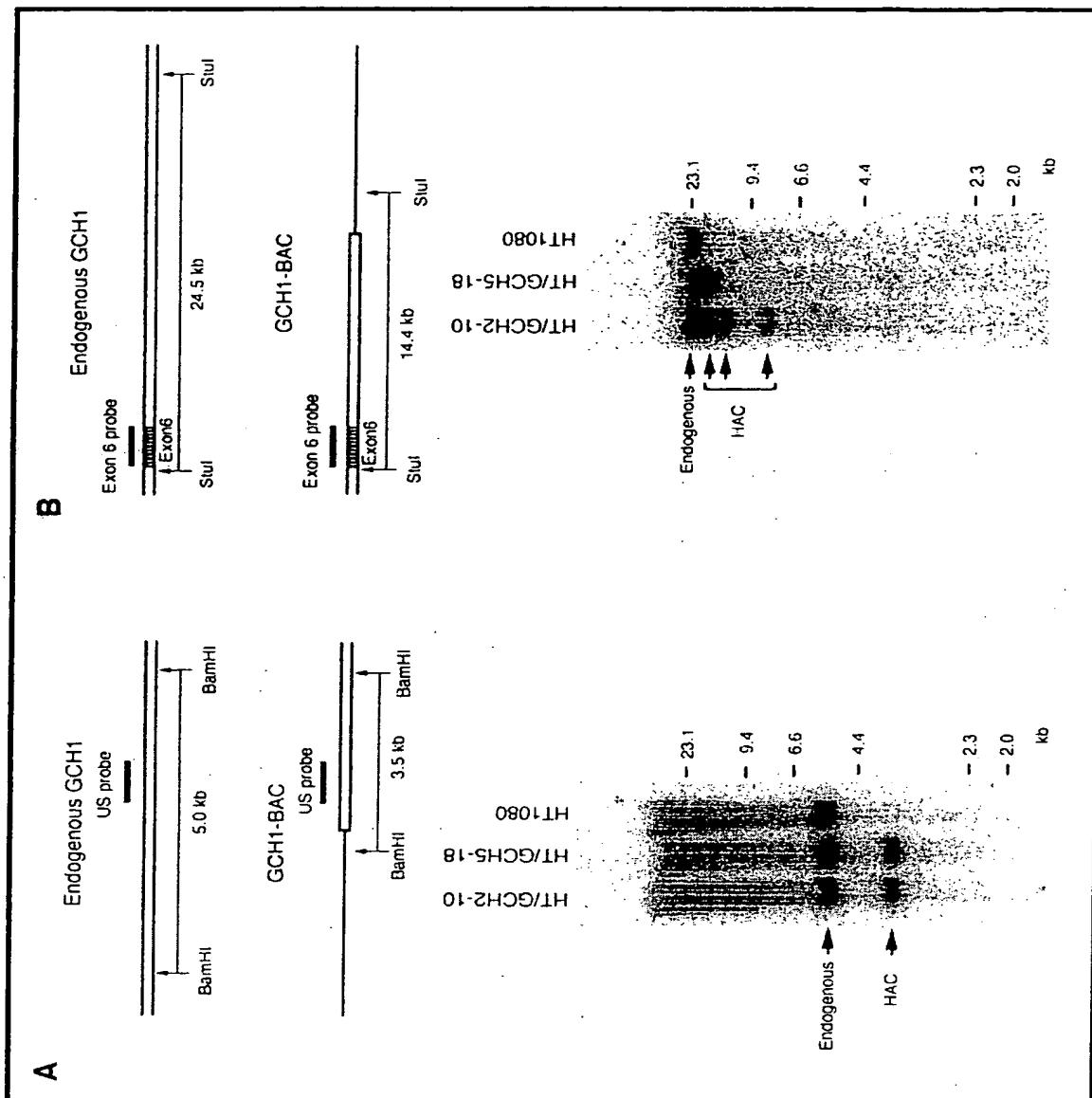
Fig.4



P0203102

5/19

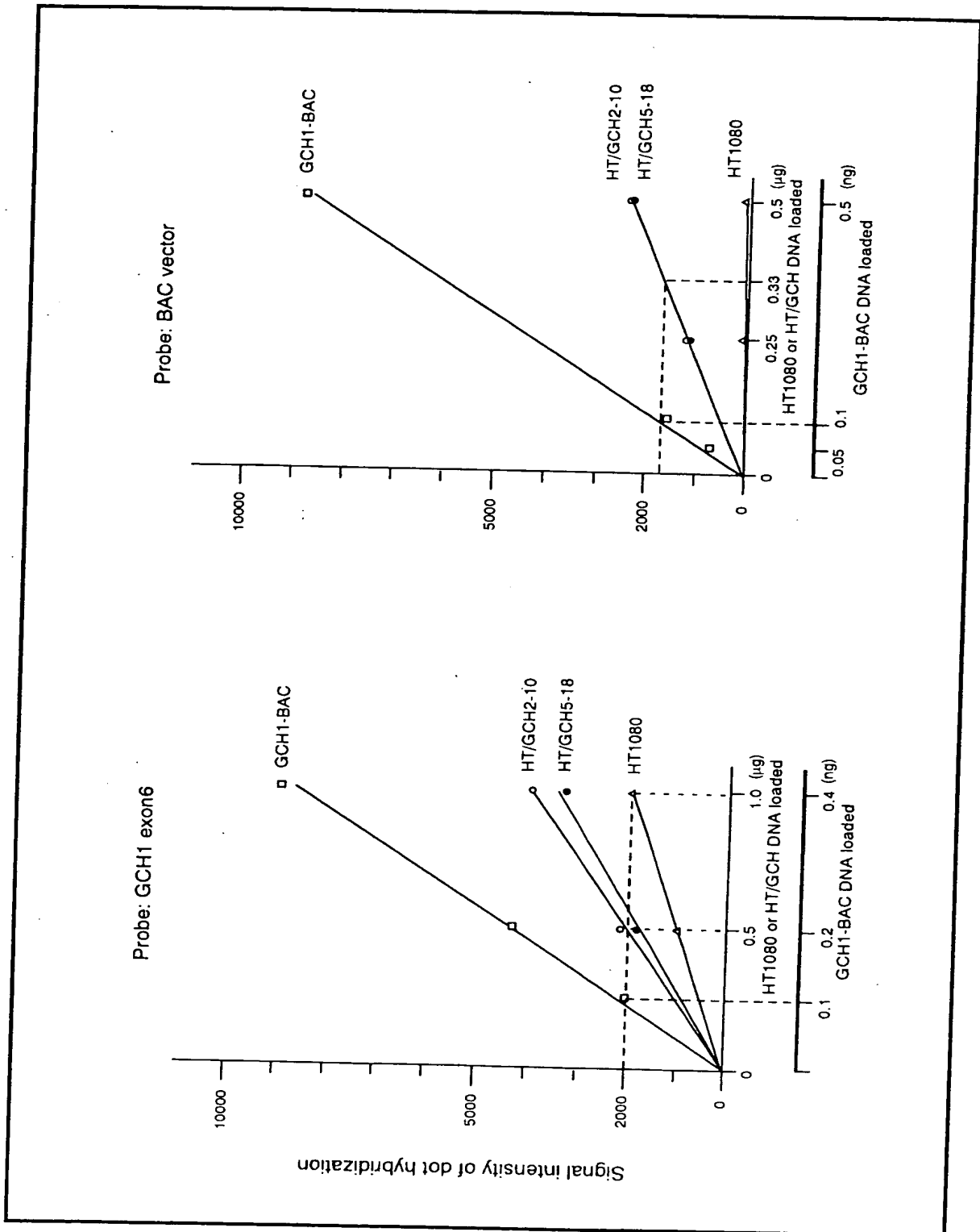
Fig.5



P0203102

6/19

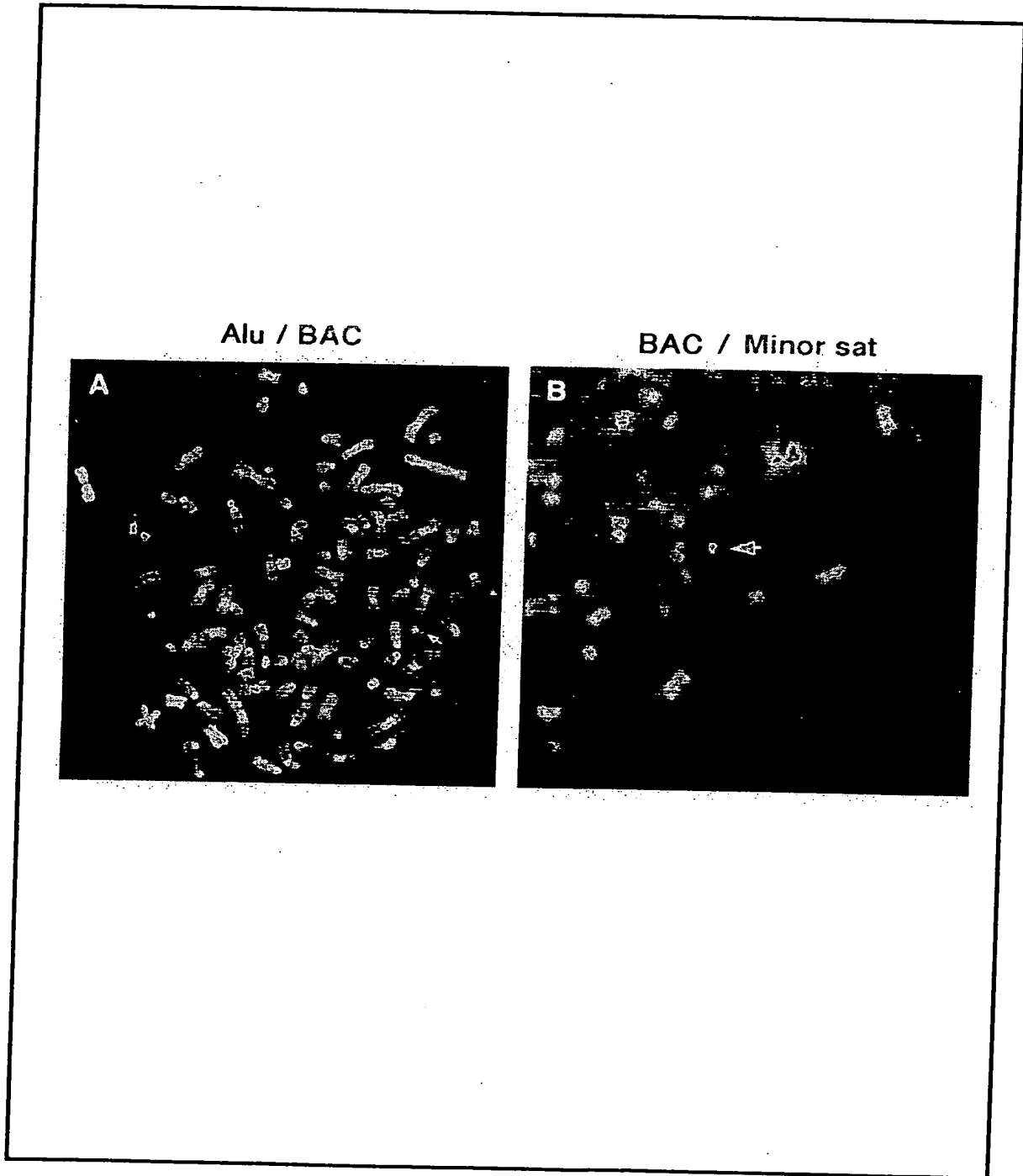
Fig.6



P0203102

7/19

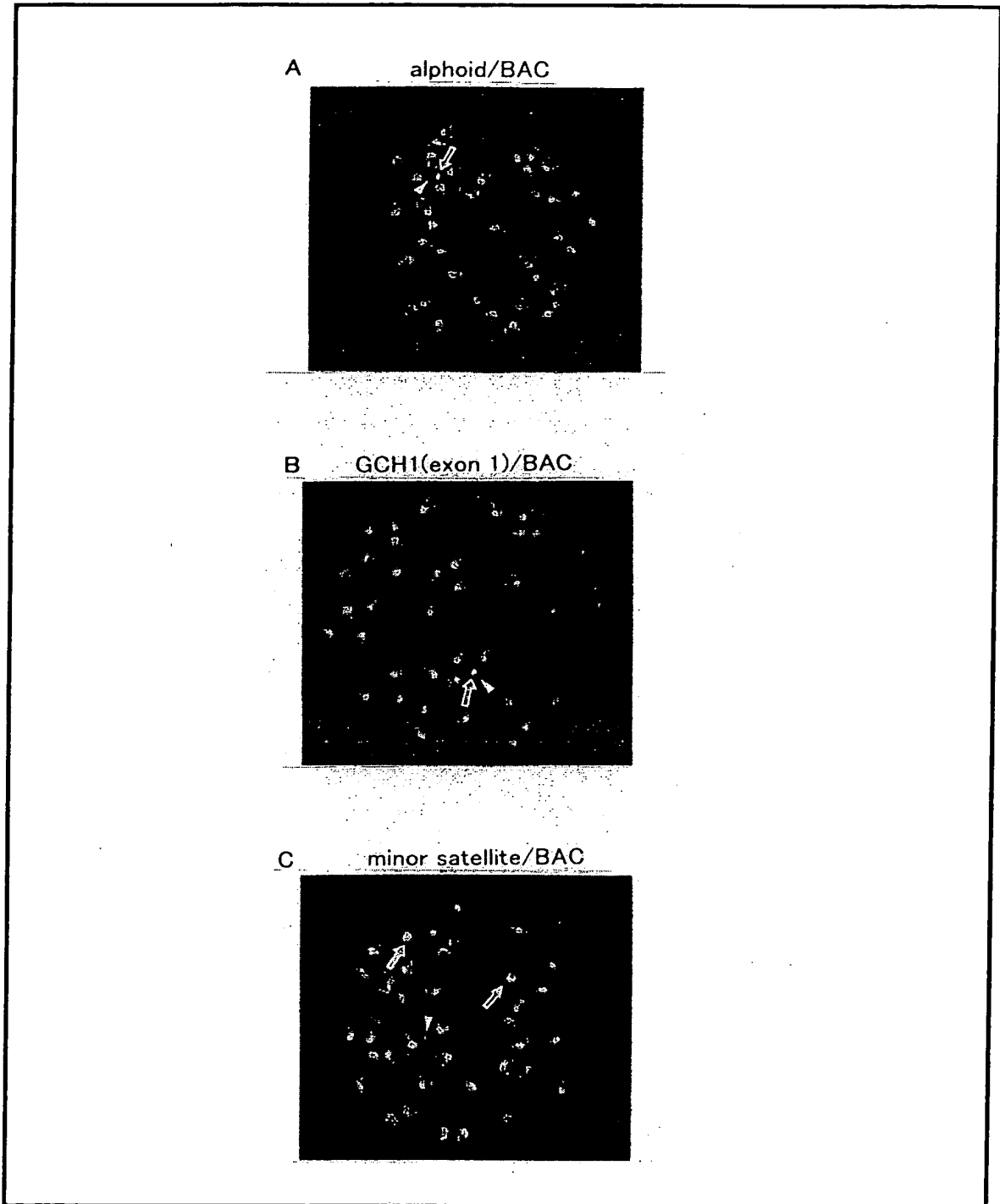
Fig.7



P0203102

8/19

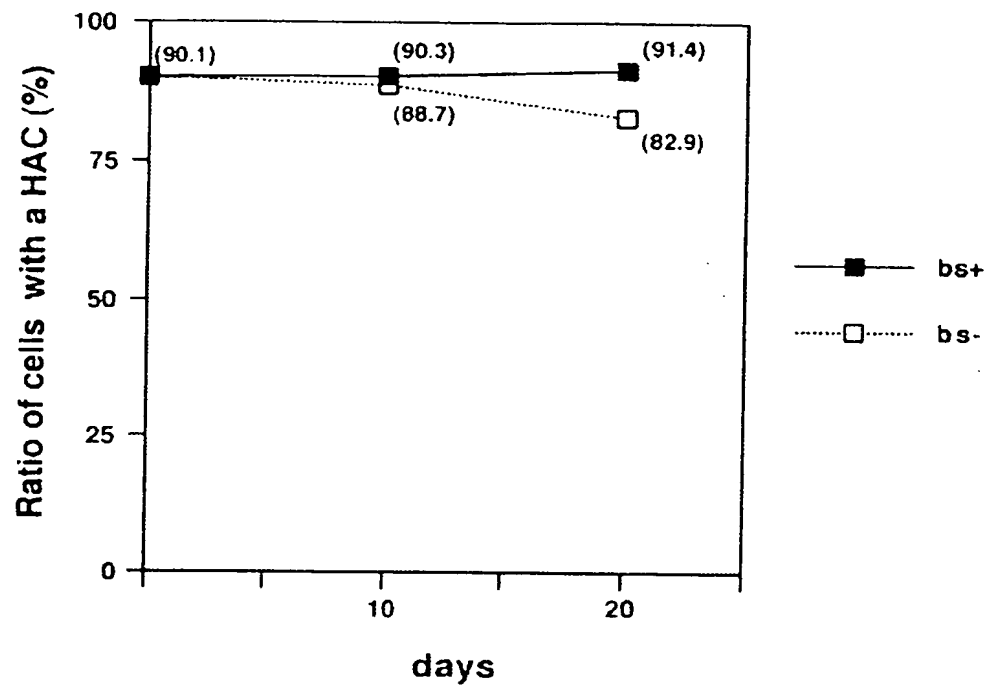
Fig.8



P0203102

9/19

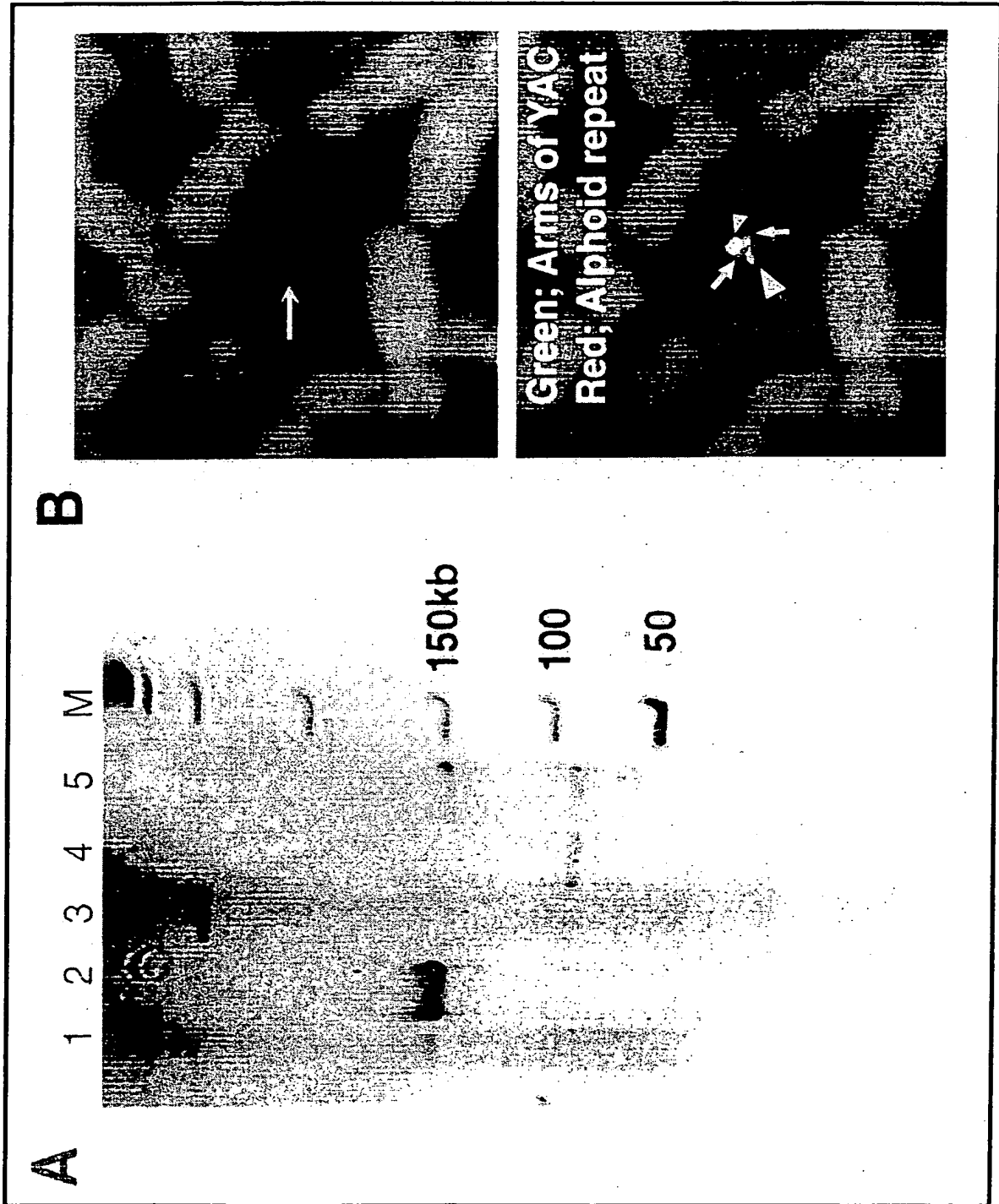
Fig.9



P0203102

10/19

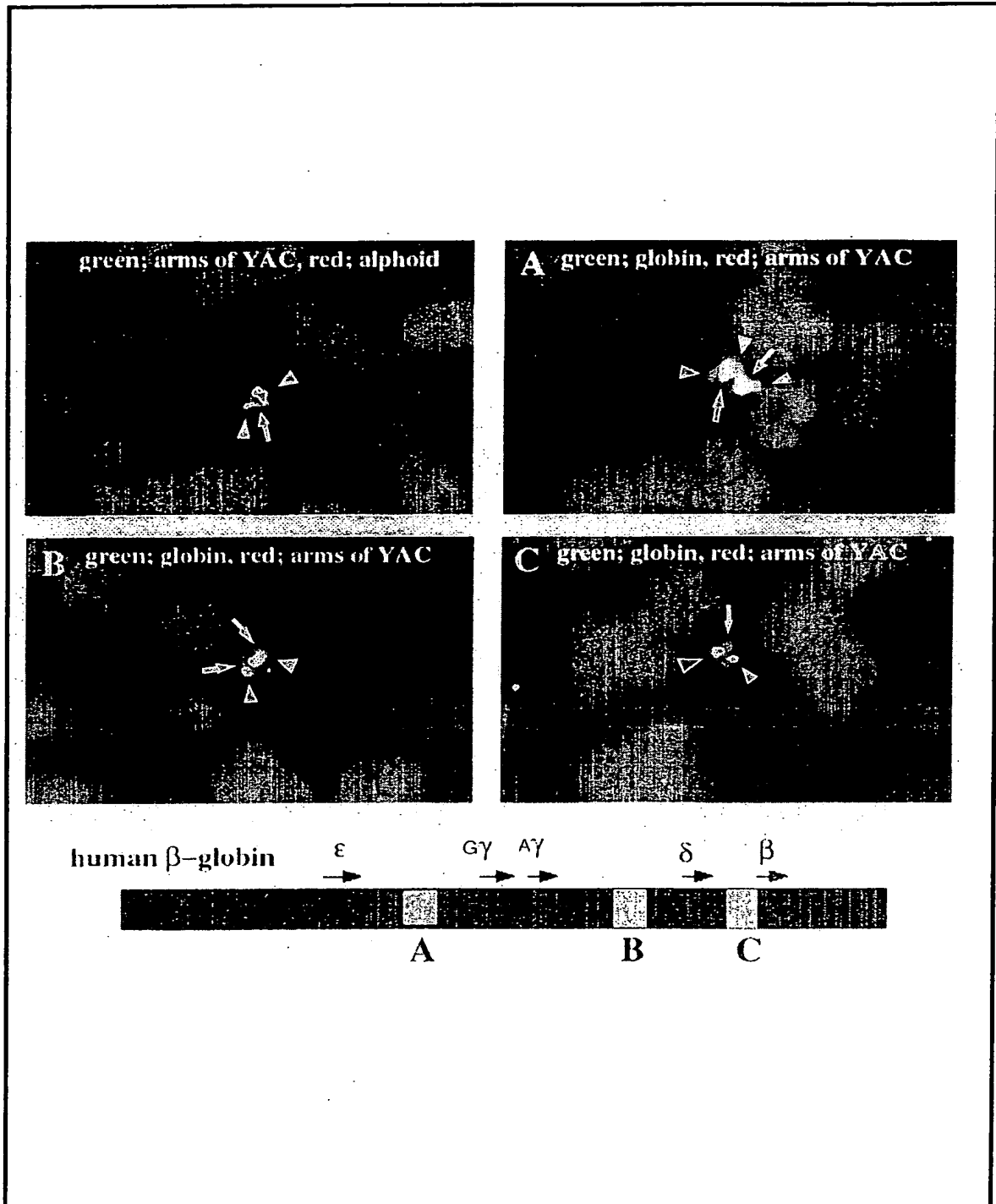
Fig. 10



P0203102

11/19

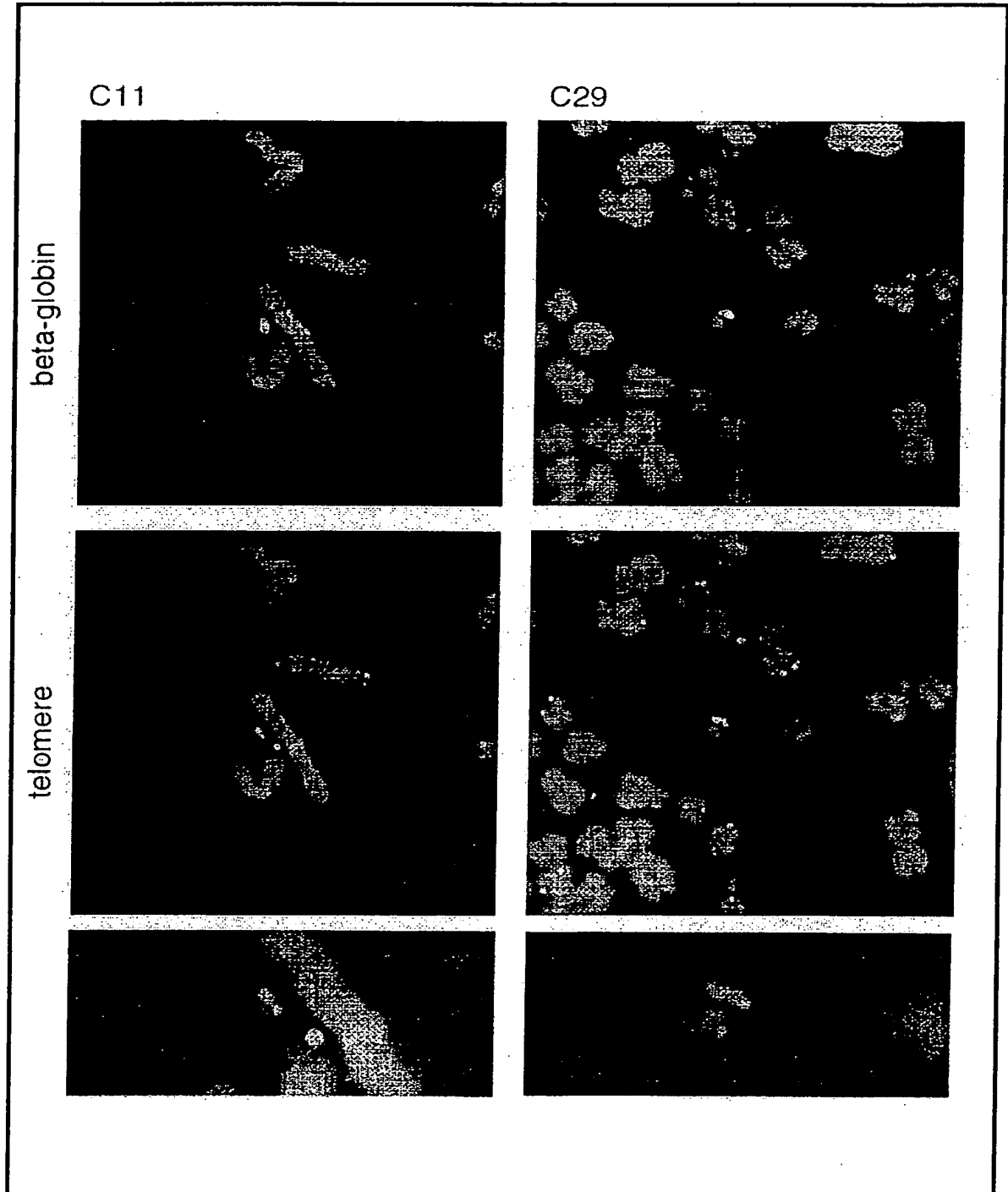
Fig.11



P0203102

12/19

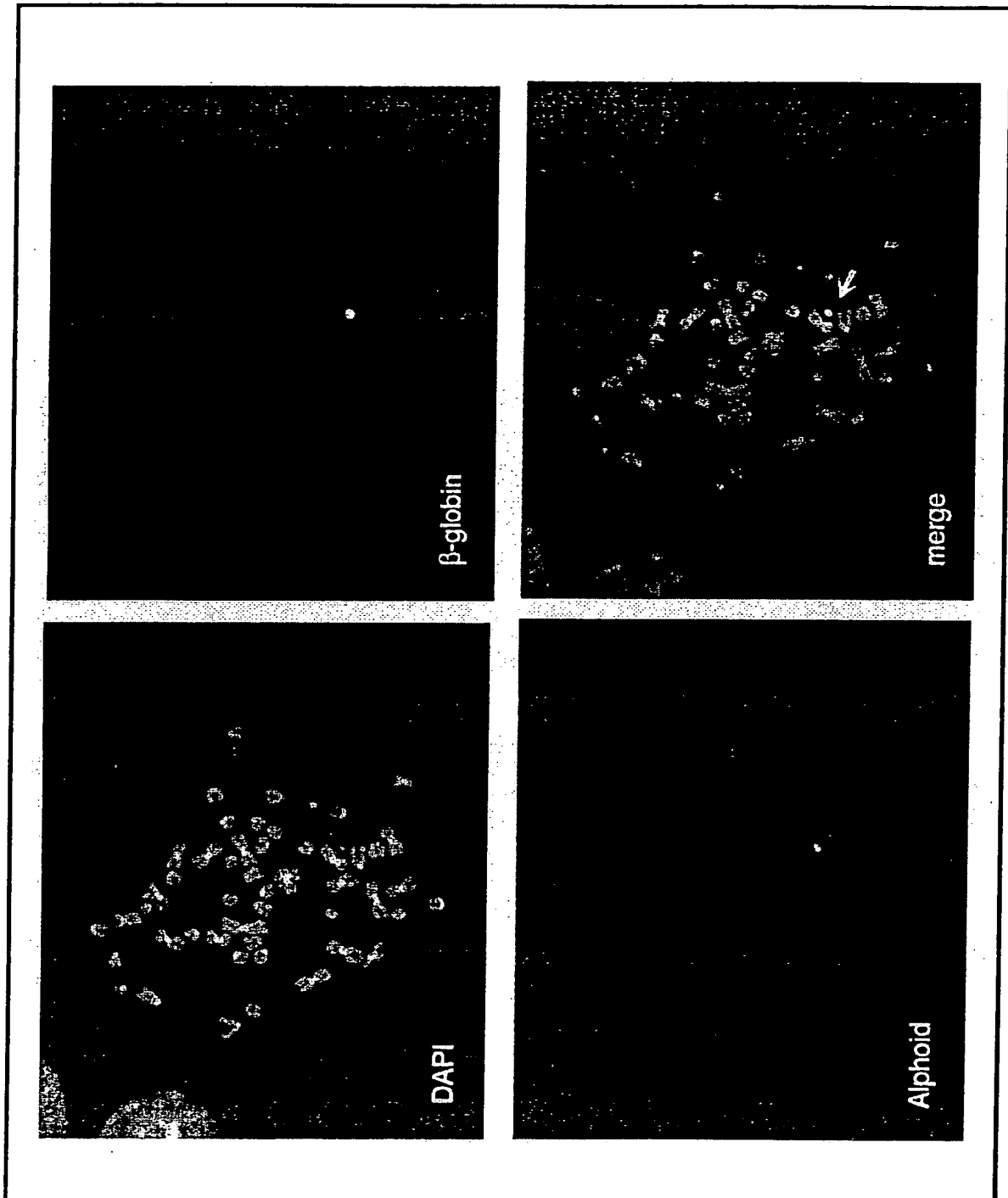
Fig.12



P0203102

13/19

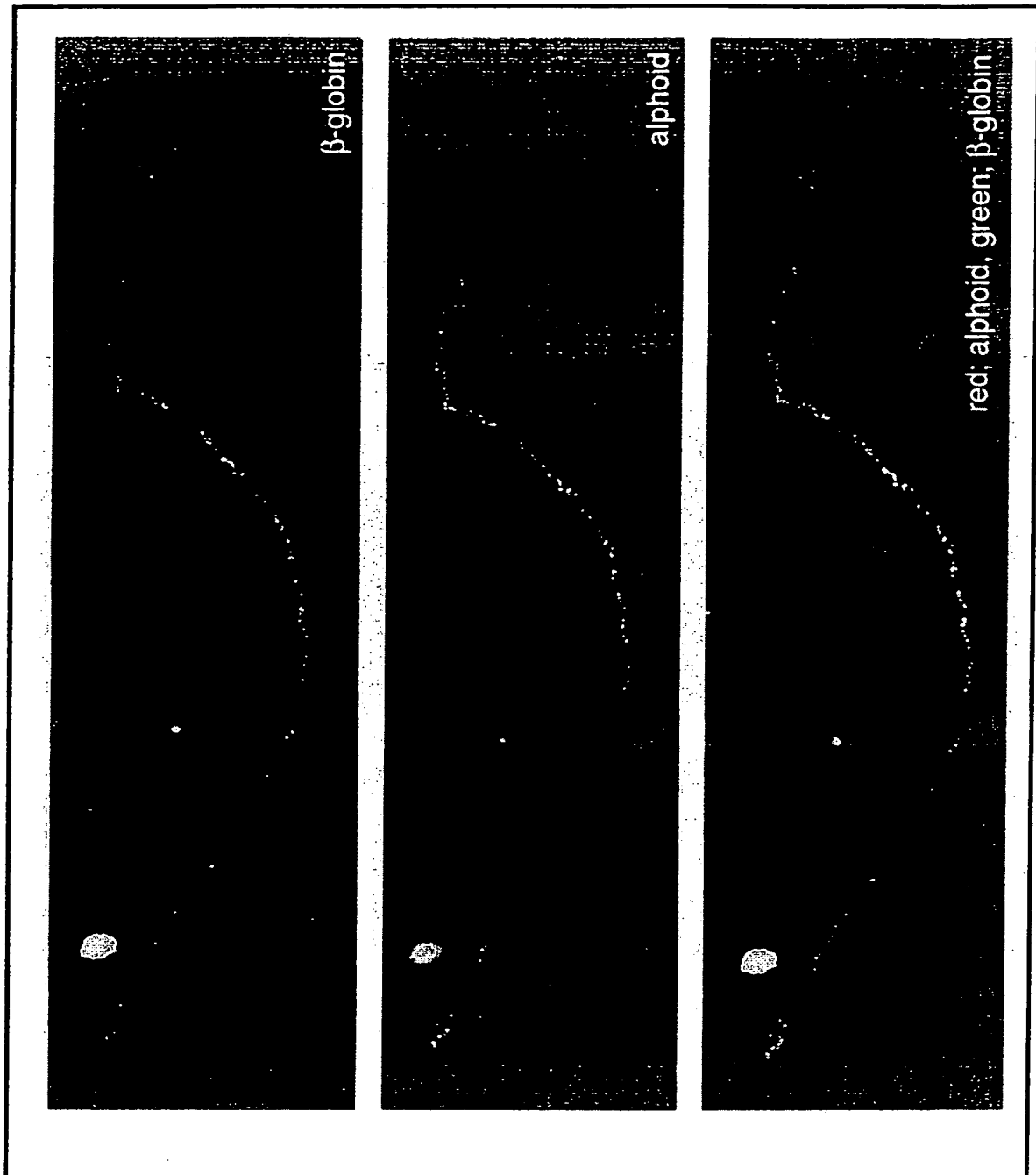
Fig.13



P0203102

14/19

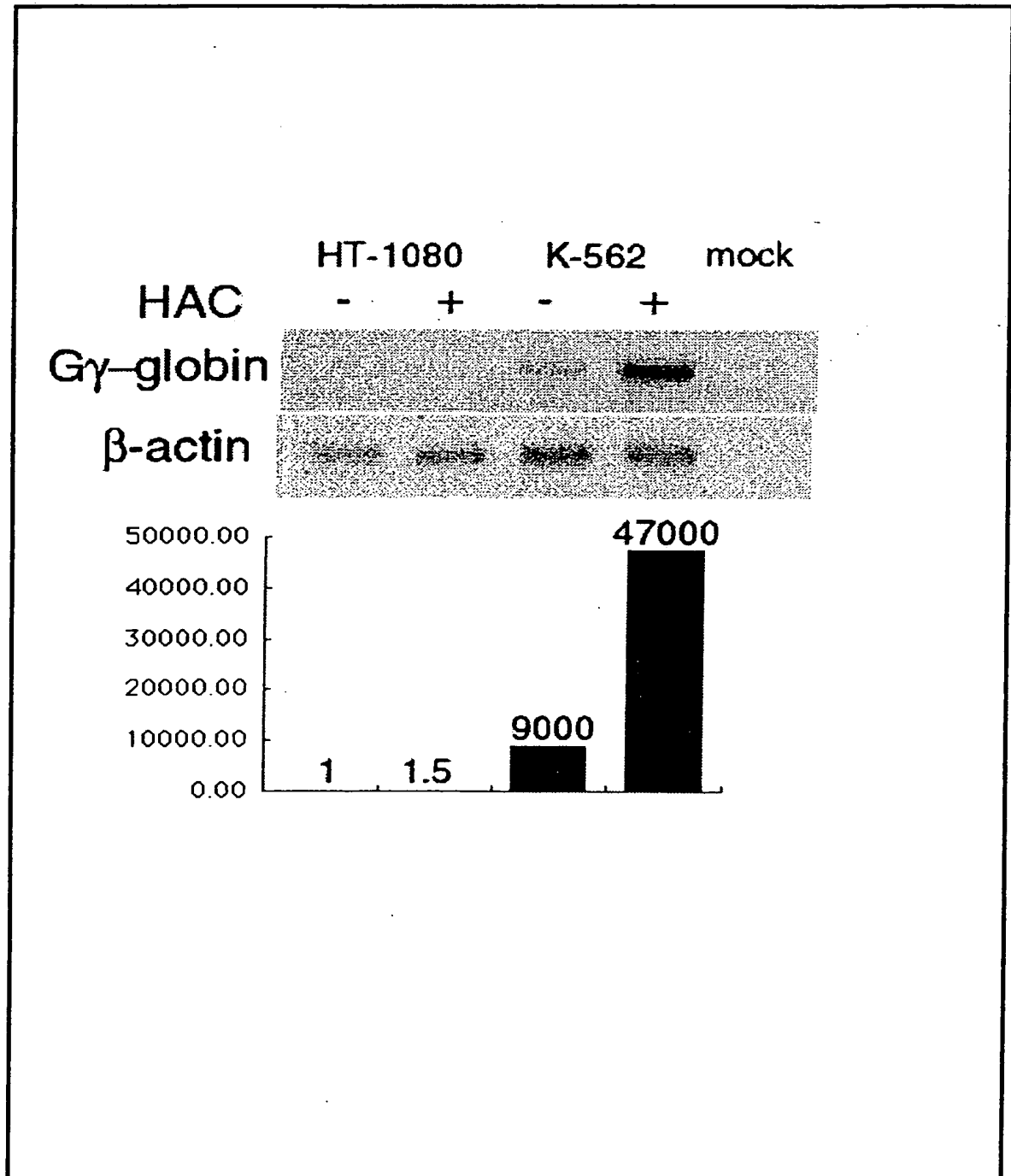
Fig.14



P0203102

15/19

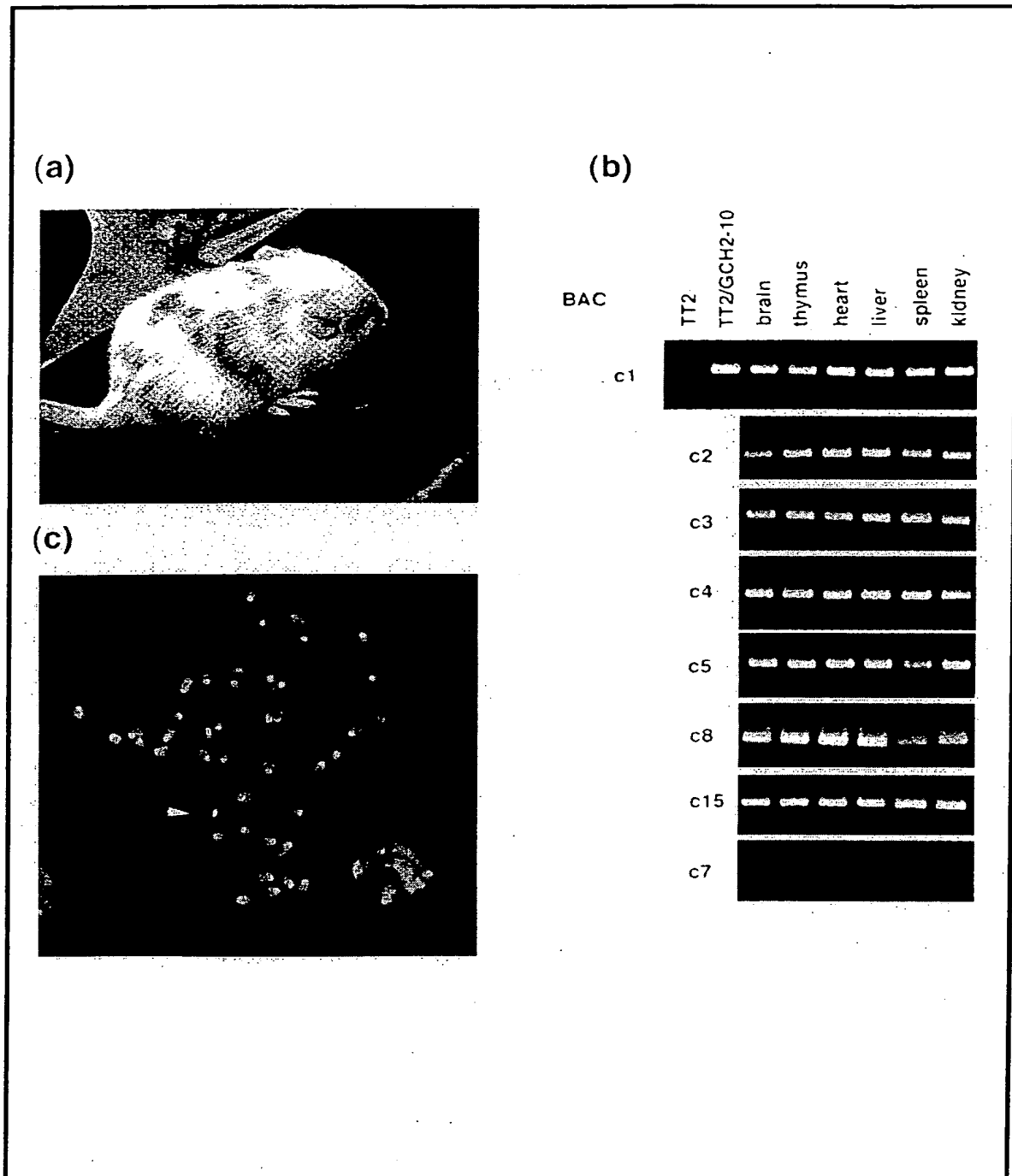
Fig.15



P0203102

16/19

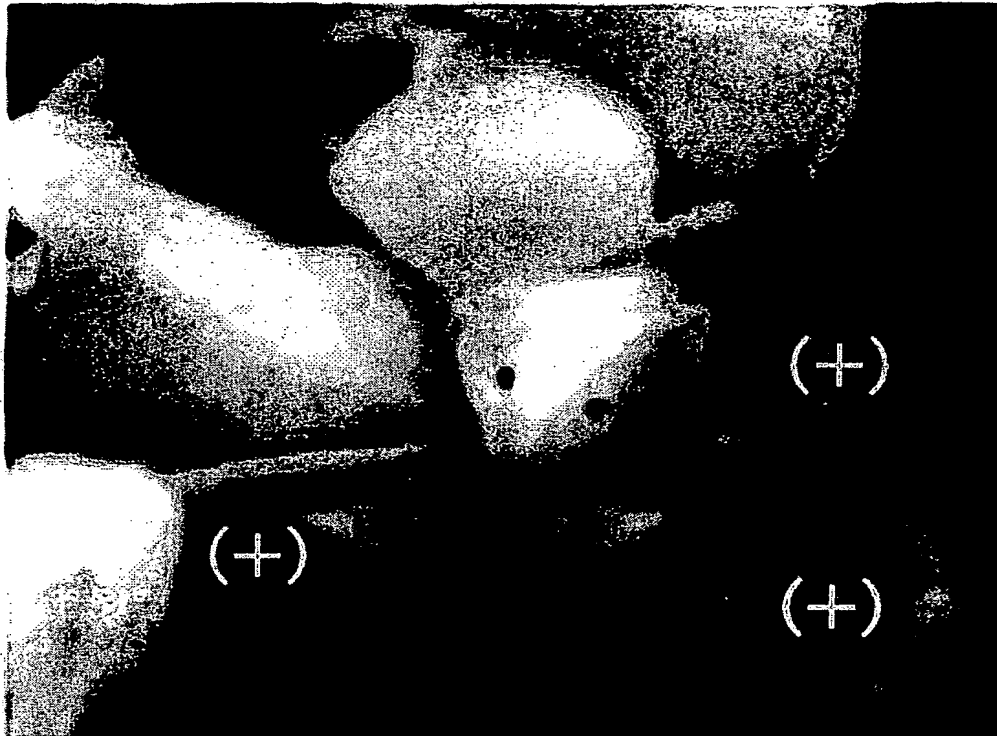
Fig.16



P0203102

17/19

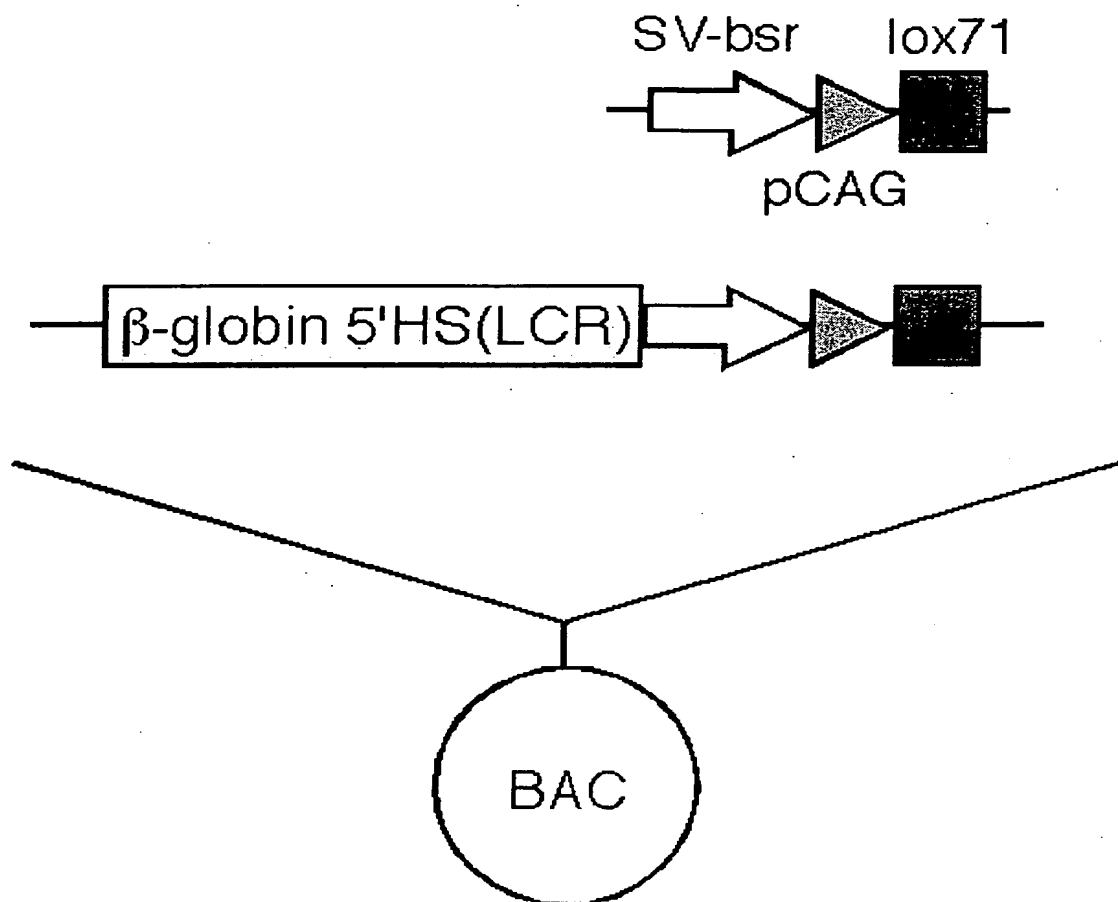
Fig.17



P0203102

18/19

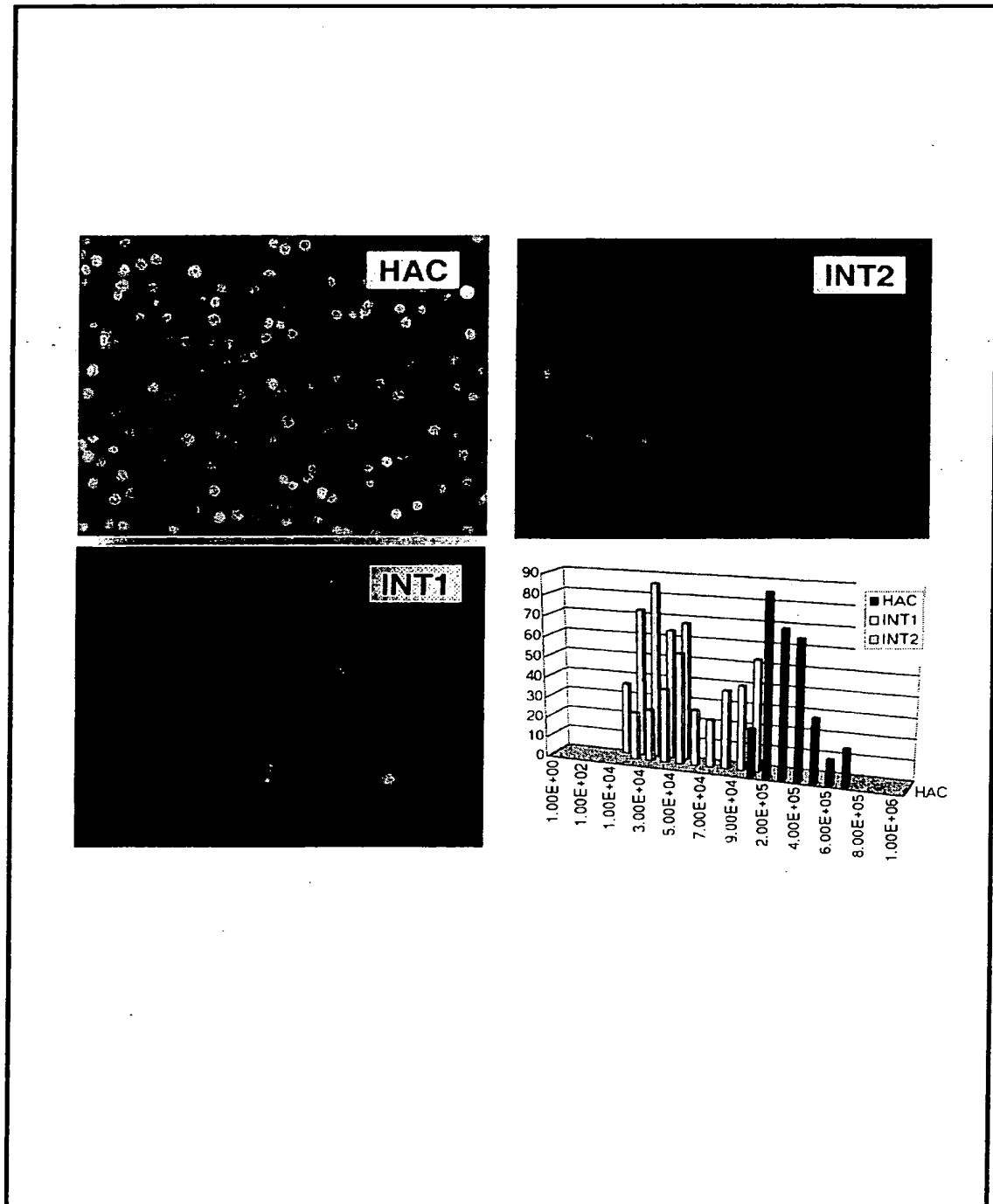
Fig.18



P0203102

19/19

Fig.19



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.